Qizhen Xiao

List of Publications by Year
in descending order

26	1,122	623734	552781
papers	citations	14 h-index	26 g-index

27	27	27	2058
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of coaxial Sn-Co alloy/CNFs 3D freestanding membrane anode by electrochemical Co-deposition for lithium-ion batteries. Ionics, 2019, 25, 5735-5743.	2.4	7
2	Excellent cyclic performance of electrolytic MnO2 in Li/MnO2 rechargeable batteries. SN Applied Sciences, 2019, 1, 1.	2.9	3
3	Flexible freestanding 3D Si/C composite nanofiber film fabricated using the electrospinning technique for lithium-ion batteries anode. Solid State Ionics, 2019, 337, 70-75.	2.7	20
4	Superior Sodium Storage of Carbon-Coated NaV₆O₁₅ Nanotube Cathode: Pseudocapacitance Versus Intercalation. ACS Applied Materials & Interfaces, 2019, 11, 10631-10641.	8.0	35
5	The coaxial MnO2/CNTs nanocomposite freestanding membrane on SSM substrate as anode materials in high performance lithium ion batteries. Journal of Electroanalytical Chemistry, 2019, 834, 161-166.	3.8	18
6	Coaxial MnO₂Nanoshell/CNFs Composite Film Anode for High-Performance Lithium-Ion Batteries. Journal of the Electrochemical Society, 2018, 165, A487-A492.	2.9	12
7	Freestanding silicon/carbon nanofibers composite membrane as a flexible anode for Li-Ion battery. Journal of Power Sources, 2018, 403, 103-108.	7.8	20
8	Embedding of Mg-doped V₂O₅nanoparticles in a carbon matrix to improve their electrochemical properties for high-energy rechargeable lithium batteries. Journal of Materials Chemistry A, 2017, 5, 17432-17441.	10.3	36
9	K-Doped Li-Rich Molybdenum-Based Oxide with Improved Electrochemical Properties for Lithium-Ion Batteries. Arabian Journal for Science and Engineering, 2017, 42, 4291-4298.	3.0	13
10	The improved electrochemical performances of LiMn_{1-x}Fe_xPO₄ solid solutions as cathodes for Lithium-ion batteries. Materials Technology, 2017, 32, 272-278.	3.0	6
11	A capsule-type gelled polymer electrolyte for rechargeable lithium batteries. RSC Advances, 2016, 6, 47833-47839.	3.6	14
12	Hybrid LiV₃O₈/carbon encapsulated Li_{1.2}Mn_{0.54}Co_{0.13}Ni_{0.13}O₂ with improved electrochemical properties for lithium ion batteries. RSC Advances, 2016, 6, 28729-28736.	3.6	11
13	Si nanoparticles/graphene composite membrane for high performance silicon anode in lithium ion batteries. Carbon, 2016, 98, 373-380.	10.3	109
14	Design and Synthesis of SnO 2 Nanosheets/Nickel/Polyvinylidene Fluoride Ternary Composite as Free-standing, Flexible Electrode for Lithium Ion Batteries. Electrochimica Acta, 2015, 178, 336-343.	5.2	12
15	An investigation of a novel MnO₂network-Ni/PVDF double shell/core membrane as an anode for lithium ion batteries. Physical Chemistry Chemical Physics, 2015, 17, 18699-18704.	2.8	4
16	AlPO4-coated V2 O5 nanoplatelet and its electrochemical properties in aqueous electrolyte. Pure and Applied Chemistry, 2014, 86, 651-659.	1.9	5
17	A novel polyvinylidene fluoride/microfiber composite gel polymer electrolyte with an interpenetrating network structure for lithium ion battery. Electrochimica Acta, 2014, 125, 450-456.	5.2	37
18	Soft silicon anodes for lithium ion batteries. Energy and Environmental Science, 2014, 7, 2261.	30.8	70

#	Article	IF	Citations
19	A multilayer Si/CNT coaxial nanofiber LIB anode with a high areal capacity. Energy and Environmental Science, 2014, 7, 655-661.	30.8	174
20	High performance carbon nanotubeâ€“Si coreâ€“shell wires with a rationally structured core for lithium ion battery anodes. Nanoscale, 2013, 5, 1503.	5.6	66
21	A novel polyethylene terephthalate nonwoven separator based on electrospinning technique for lithium ion battery. Journal of Membrane Science, 2013, 428, 11-16.	8.2	197
22	Novel siliconâ€“nickel cone arrays for high performance LIB anodes. Journal of Materials Chemistry, 2012, 22, 20870.	6.7	26
23	Synthesis, characterization, and electrochemical performances of core-shell Ni(SO4)0.3(OH)1.4/C and NiO/C nanobelts. Journal of Materials Chemistry, 2012, 22, 7224.	6.7	39
24	EXCELLENT CYCLING PERFORMANCE OF THREE-DIMENSIONAL-ORDERED MACROPOROUS NiFe₂O₄ AS ANODE MATERIAL FOR LITHIUM ION BATTERIES. Functional Materials Letters, 2011, 04, 327-331.	1.2	4
25	Macroporous polymer electrolytes based on PVDF/PEO-b-PMMA block copolymer blends for rechargeable lithium ion battery. Journal of Membrane Science, 2009, 334, 117-122.	8.2	176
26	Preparation and electrochemical performance of gel polymer electrolytes with a novel star network. Journal of Applied Electrochemistry, 2009, 39, 247-251.	2.9	8